

PUBLIC NOTICE OF A DRAFT PERMIT AND PUBLIC HEARING

State of South Carolina (SC)
Department of Health and Environmental Control (DHEC)
Bureau of Air Quality (BAQ)
2600 Bull Street
Columbia, South Carolina 29201
(803) 898-4123

Public Notice #06-059-PSD-M-H

Date: June 16, 2006

LAFARGE BUILDING MATERIALS (LAFARGE) 463 JUDGE STREET HARLEYVILLE, SOUTH CAROLINA (DORCHESTER COUNTY / REGION 7 CHARLESTON EQC OFFICE) AIR PERMIT NO. 0900-0004-EF

Lafarge has applied to the SC DHEC for a Prevention of Significant Deterioration (PSD) construction permit to expand operations at its Harleyville Plant, where Portland cement is manufactured. A preliminary determination, draft PSD construction permit, and engineering calculation (green) sheets have been written by the BAQ outlining the facility's proposed project and applicable regulations. In addition to other State and Federal Air Quality Regulations, the draft permit is subject to review under SC DHEC Regulation 61-62.5, Standard No. 7 "Prevention of Significant Deterioration (PSD)." This regulation is equivalent to Title 40 of the Code of Federal Regulations, Part 52.21 "Prevention of Significant Deterioration of Air Quality." Under these regulations, a facility must demonstrate that it will not significantly deteriorate the air quality in its region prior to constructing or modifying sources of air pollutants. **The draft permit has not yet been approved and is open to comment from the public, affected states, the United States Environmental Protection Agency (EPA), the Federal Land Manager, the chief executives of Dorchester County and the Town of Harleyville, and the Berkeley/Charleston/Dorchester Council of Governments.**

Lafarge is proposing to modify its existing 4-stage preheater/precalciner kiln system (K1) in addition to constructing a new 3-stage preheater/precalciner kiln system (K2) with this project. If approved, modification of K1 will increase its clinker production rate from 1,095,000 tons per year (TPY) to 1,320,000 TPY. K2 will have a clinker production rate of 1,300,000 TPY. Both kilns will be capable of burning fossil fuels, on-specification used oil, and non-regulated wastes (non-hazardous waste as specified by 40 CFR 262.11). Various new and existing operations will be constructed or modified as part of this project. New equipment will include, but is not limited to, a primary crusher in the quarry, quarry conveyors, a clinker storage silo with dome roof, a finish mill, rail loadout stations, and a paved road for receiving raw materials. Lafarge will also remove the outdoor raw material storage piles, outdoor coal storage piles & reclaim operations, and the Clinker A-Frame storage shed & outdoor clinker reclaim operations.

Emissions generated by this facility include Particulate Matter (PM)/PM less than 10 Microns in Diameter (PM10), Sulfur Dioxide (SO₂), Nitrogen Oxides (NO_x), Carbon Monoxide (CO), Volatile Organic Compounds (VOCs), Hazardous Air Pollutants (HAPs), Lead, and Fluoride. Facility-wide PM/PM10, SO₂, NO_x, CO, and VOC emissions will exceed major source thresholds for PSD as a result of this proposed project, therefore Standard 5.1 Best Available Control Technology (BACT) technology will be applied to the source(s) to ensure that emissions released will be minimized. The maximum degrees of Class II PSD increment consumption resulting from the proposed project are predicted to be: SO₂, 3-hour increment: 53%; SO₂, 24-hour increment: 98%; SO₂, annual increment: 10%; PM10, 24-hour increment: 80%; PM10 annual increment: 23%; and Nitrogen Dioxide, annual increment: 12%.

DHEC issued a Title V Operating (TV) Permit to this facility on October 23, 2002. If the draft PSD construction permit is approved it must be incorporated into the facility's TV permit. Pursuant to SC DHEC Regulation 61-62.70 "Title V Operating Permit Program," the construction permit will be incorporated as an administrative amendment into the existing TV permit with no additional public comment period, provided all public participation and EPA requirements were fulfilled with notice of the construction permit action. The status regarding EPA's review of the proposed permit and the deadline for a citizen petition is available on EPA's website at: <http://www.epa.gov/region4/air/permits/SouthCarolina.htm>. All emissions limitations and conditions in the draft construction permit have been written to ensure that this facility continues to operate in accordance with the SC Title V Operating Permit Program.

DHEC will hold a public hearing to allow interested persons the opportunity to express concerns and comments regarding the proposed expansion. **The public hearing will begin at 7:00 p.m. on Tuesday, July 18, 2006, at the Harleyville Community Center located at 163 South Railroad Avenue in Harleyville, South Carolina.** Directions may be obtained by contacting Harleyville Town Hall at (843) 462-7676. The hearing will be conducted by a hearing officer designated by DHEC. Representatives of DHEC will explain the draft permit and answer questions related to the expansion at the public hearing. Oral and written comments will be accepted. DHEC requests that oral comments prepared in advance of the hearing also be provided in writing for the record. DHEC values each participant's involvement in the public hearing and therefore will conduct it in a respectful, orderly manner with reasonable limits on the length of oral presentations, if necessary. DHEC encourages interested persons to review the draft permit information in preparation of submitting comments. Individuals with disabilities who wish to participate in the public hearing or review the proceedings should contact Donna Moye at (803) 898-3846 as soon as possible prior to the hearing to discuss any auxiliary aids or services needed.

This project involves modifications, additions, upgrades, conversions, replacements, and removal of various emission units and pieces of support equipment at the facility. These have been detailed and outlined in the facility's permit application and DHEC's subsequent draft permit and green sheets. Interested persons may review these and other materials drafted and maintained by DHEC for this facility and submit written comments on the draft permit. **Written comments will be accepted through close of business on July 25, 2006**, so that comments made during and after the public hearing may be considered when making a final decision regarding the draft permit. All written comments must be received by DHEC no later than close of business on July 25, 2006, and will be made available for review at the DHEC Columbia Office and at the location listed below. All comments should include the facility name and be addressed to Ms. Veronica Barringer at the above DHEC address. Following the close of the public comment period, DHEC will make a final decision as to whether the draft permit should be approved, approved with conditions, disapproved, or modified. This final decision will be based upon consideration of applicable regulations, the permit application, comments made at the public hearing and all other written comments received within the required time frame, and any other pertinent information. A transcript of the formal hearing will also be reviewed before a final permit decision is made. Requests to be notified of DHEC's final permit decision should be made in writing to Donna Moye at the above-listed DHEC address or by e-mail at: moyeddd@dhec.sc.gov. Requests for contested case hearings may be filed after a final permit decision has been made. Information regarding contested case hearings is available from DHEC's legal office at the above address or by calling (803) 898-3350. Draft permit information will be made available for review through July 25, 2006 at the DHEC Columbia Office listed above and at the following location: SC DHEC, Region 7 Charleston EQC Office, 1362 McMillan Avenue, Suite 300, Charleston, SC 29405 at (843) 740-1590. Reasonable accommodations can be made for anyone unable to travel to these locations to review the draft permit materials.

The BAQ maintains a county-based mailing list for persons interested in receiving notification of BAQ public notice actions. If you would like to be added to this list, please submit a request with your name, address, and counties of interest to Donna Moye at the above DHEC address or e-mail. Information on permit decisions and hearing procedures is available by contacting DHEC at either address listed above. Copies of a draft permit or other related documents may be requested in writing at a \$.25 per page charge.

This public notice may be viewed through July 25, 2006 on DHEC's website at:
<http://www.scdhec.gov/eqc/baq/publicnote/html/eqpnbaq.asp>.

Please bring this notice to the attention of persons you know will be interested in this matter.